

TABLE

Golder Associates
CERCLA Site Experience

EPA Region	State	Site	Services
1	MA	Woburn Industri-Plex	Remedial Design & Construction Management
1	MA	Charles George Landfil	Review of Remedial Design
1	MA	Shaffer Landfil	Technical Support of ROD Negotiation
1	MA	Mass. Military Reservation	Zero-Valent Metal Treatment Wall, Natural Attenuation
1	MA	Silresim	Technical Support of FS - groundwater modeling
1	NH	Coakley Landfil	Remedial Design & Resident Engineering/CQA
1	NH	Dover Landfil	Remedial Design
1	RI	Landfill (Confidential)	Probabilistic Remedial Cost Estimation
1	RI	Western Sand & Gravel	Construction Coordination, Closure QA/QC
2	NJ	Landfill and Development Co	Landfill Gas System Expansion Design
2	NJ	Landfill (Confidential)	Probabilistic Remedial Cost Estimation
2	NJ	Cinnaminson Groundwater	PDI, RD/RA for Groundwater Extraction and Natural Attenuation, Resident Engineer, Construction Management, and O&M
2	NJ	Global Landfil	FS Review and Remedial Design
2	NJ	Helen Kramer	FS Review
2	NJ	Monroe Township Landfil	FS and Post-Closure Monitoring, Remedial Action Construction, CQA
2	NJ	South Brunswick Landfill	Post-Closure Investigation, Post-Closure Monitoring, Remedial Design, Remedial Action Construction
2	NJ	Tabernacle Drum Dump Site	PDI and RD (groundwater extraction system)
2	NJ	SCP Carlstadt	Facility Coordinator, Supplemental RI, O&M, Treatability Study, Focused FS, CD Negotiation and Remedial Design
2	NJ	Sharkey Landfil	RD/RA, Resident Engineering, Contract Management, CQA, Litigation Support
2	NJ	Caldwell Trucking	Alternate Remedial Plan, PDI, RD, Remedial Construction, Treatability Study, F
2	NJ	PJP Landfill	RD/RA, Resident Engineering, Construction Management/CQA
2	NJ	Woodland Superfund Site	MNA monitoring program design/O&M monitoring
2	NJ	Woodbrook Road Dump	ACO Negotiation
2	NJ	Lightman Drum	RI/FS, Risk Assessment, and Pilot Study
2	NY	Hooker (102nd Street)	FS Review
2	NY	Love Canal	FS Review
2	NY	Cortese Landfil	RI/FS, RD/RA, Resident Engineer, CQA
2	NY	PAS Oswego	Supplemental RI/FS
2	NY	Landfill (Confidential)	Probabilistic Remedial Cost Est., Tech Support & Allocation Issues
2	PR	Barceloneta Landfil	RI Completion/FS
2	PR	Vega Baja	ACO Negotiation, RI/FS, Risk Assessment
2	VI	Virgin Island Chemical	RI Review, FS and Risk Assessment Completion, RD/RA
3	DE	Confidential Site	Probabilistic Remedial Cost Estimation
3	DE	Delaware Sand & Grave	Hydrogeologic Investigation and Expertise, O&M Monitoring
3	PA	Landfill (Confidential)	Probabilistic Remedial Cost Estimation
3	PA	Landfill (Confidential)	Probabilistic Remedial Cost Estimation
3	PA	Berks County	RI/FS, Risk Assessment, IRM, RD, Construction Management, O&M
3	PA	Centre County Kepone Site	RI/FS, PDI, RD, ROD and CD Negotiations, SVE Pilot Testing, RA, Resident Engineering/CQA, Construction Management, Ecological Assessment, SVE design
3	PA	Elizabethtown Landfil	RI/FS, Revised Remedial Plan, Natural Attenuation, RI
3	PA	Modern Landfill	RI/FS, Remedial Design, Well Installation, Extraction System Replacement, Construction Management, RA Completion
3	PA	Crater Resources	HRS Review
3	PA	Bell Landfil	Remedial Design, Remedial Action Construction, Resident Engineering, CQA
3	PA	Keystone Landfil	FFS, Re-ROD, Remedial Design, CQA
3	PA	Malvern TCE	PDI, FS, Remedial Design, Negotiation of Remedy Change
3	PA	Folcroft Landfil	RI/FS
3	PA	North Penn Area 7	RI/FS
3	PA	Foots Mineral	Litigation Support
3	VA	Abex Foundry	RI/FS Review

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3	VA	Saltville Waste Disposal Pond	RI/FS, PRAP/ROD Negotiations, RD Support, Supplemental RI/FS Studies
3	VA	Avtex Fibers	Hydrogeologic Interpretation and FS assistance
4	AL	T.H. Agriculture & Nutrition	Site Investigation, Hazard Ranking Review
4	AL	Anniston PCB Site	Removal Action
4	FL	Hipps Road Landfill	RI/FS Data Review, ROD & AROD Negotiations, RD, RA, Construction Management, O&M
4	FL	Pickettville Road Landfill	Remedial Design/Remedial Action/PRP Group Coordinator, Construction Management, O&M
4	FL	Sydney Mine Site	Contamination Assessment Review
4	FL	Madison County Landfill	Remedial Design/Remedial Action, and O&M
4	FL	Whitehouse Waste Oil Pit	Investigation/Supplemental TS/FS, Resident Engineer, CQ
4	FL	Holmstead AFB	Technical Support - RI Task
4	FL	Florida Petroleum Reprocessor	Source Removal/Expanded Site Investigation/Focused FS/ROD Negotiation
4	GA	Diamond Shamrock Landfill	Removal Action Management, RI/FS
4	GA	T.H. Agriculture & Nutrition	Site Investigation
4	NC	Jadco-Hughes Facility	RI/FS Work Plan
4	SC	Medley Farm Drum Dump	Hazard Ranking Review
4	SC	SCRDI Bluff Road	RI/FS
5	IL	DePue	RI/FS, RD
5	IL	Belvedere Municipal Landfill	RI/FS, RD/RA
5	IL	Crab Orchard	RI, Ecological Assessment
5	IL	Cross Brothers Pail Recycling	Pre-Design Investigation, RD/Construction Mgmt
5	IL	Interstate Pollution Control	RI/FS and 3rd Party Removal Action Oversight
5	IL	Johns-Manville Corp	Alternative RD
5	IL	MIG/DeWane Landfill	RI/FS Work Plan/Interim Action
5	IL	Main Street Well Field	Client Advocacy/Negotiation
5	IL	Outboard Marine Corp.	Conceptual RD
5	IL	Tri-County Landfill	Client Advocacy/Negotiation
5	IL	Yeoman Creek Landfill	RI/FS
5	IL	Landfill (Confidential)	Probabilistic Remedial Cost Estimate
5	MI	Cork Street Landfill	RD
5	MI	Electrovoice	RD/RA
5	MI	West K L Avenue Landfill	Pre-Design Investigation and RI
5	MI	Landfill (Confidential)	Probabilistic Remedial Cost Estimate
5	OH	Montville Landfill	RD, Resident Engineer, CQA, O&M
5	OH	Nease Chemical, Salern	RI Completion, FS, CD Negotiation Support, Interim Measures Design, CM, Litigation Support
5	WI	Landfill (Confidential)	Probabilistic Remedial Cost Estimate
5	WI	Landfill (Confidential)	Probabilistic Remedial Cost Estimate
6	OK	Mosley Road	Consent Order Negotiation, RI/FS Work Plan, RI/FS
6	OK	Hardage/Criner	RI/FS, Packer Testing, Hydrogeo Modeling
6	OK	Johns-Manville Corporation	RI/FS Review, Packer Testing, Groundwater Modeling
6	NM	Chino Mine	RI/FS, Groundwater Modeling
6	NM	Los Alamos	RI/FS
6	TX	Chemical Recycling Inc.	Site Characterization - Soil/Groundwater/Sediment Investigations
7	IA	Chemplex	CD Negotiation and Remedial Design (Cap/SVE), Construction Services, O&M
7	KS	Neodesha	Design of the Closure of Waste Lagoon
7	MO	Westlake Landfill	Review and performance of RI/FS
8	AZ	Confidential Site	Third Party Review, Remediation progress for closure.
8	CO	Lowry Landfill	RI, RD, Construction Services
8	CO	California Gulch	Site Investigation, Risk Assessment, community relations, innovative lead program, feasibility studies, EE/CA's
8	CO	Rocky Flats	Environmental Monitoring

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EPA Region	State	Site	Services
8	CO	Rocky Mountain Arsenal	Data Review, Remediation & Landfill Design, CQA
8	CO	Sand Creek	Probabilistic Risk Assessment
8	CO	Summitville	Analysis of Treatment System
8	CO	Big 5 Mine Waste	Remedial Design and CQA
8	MT	Wood Treatment Site	Technical Support, Expert Testimony
8	ND	George AFB	Geophysical Data Processing
8	UT	Monticello Uranium Mill	Site Investigation
8	UT	Rose Park Sludge Pit	Site Investigation, Well Installation, RD, RA Plan
9	CA	EG & G Idaho, Inc	Soil Vapor Survey, Treatment Specs. Support
9	CA	Hillview-Porter	Third Party Review, Hydrogeology, RI
9	CA	Intel	Site Investigation
9	CA	LLNL	CQA, Design of the Closure of Test Pit
9	CA	Naval Petroleum Reserve	RI/FS, Regulatory Support, Program Planning
9	CA	Raytheon Corp.	Hydrogeology, RD, Construction Management
9	CA	Landfill (Confidential)	Probabilistic Remedial Cost Estimate
9	HI	Del Monte Corp. (Oahu Plantation)	RI/FS, Regulatory Support, Risk Assessment, Treatability Study
10	ID	Argonne National Laboratory	Preparation of Sampling and Analysis Plan
10	ID	Argonne National Laboratory	Site Investigation
10	ID	EG & G Idaho	Sampling and Analysis Plan, EM-Survey, Sampling, Track 2 Summary Report
10	ID	Blackbird Mine	Early Action, RI/FS, CM, Eco. Risk Assessment, NRD Biological Restoration
10	ID	EG & G Idaho	Track 1 Decision Documents
10	ID	EG & G Idaho	Track 1 and 2 Risk Assessments
10	ID	EG & G Idaho	Survey of all Wells for Compliance
10	ID	EG & G Idaho	RI, Risk Assessment
10	ID	Monsanto - Soda Springs	RI/FS
10	ID	Westinghouse Idaho Nuclear Co	Soil Sampling, Work Plans, Closure Plan
10	ID	Westinghouse Idaho Nuclear Co	Radar Surveys
10	ID	Westinghouse Idaho Nuclear Co	Installation of Monitoring Well
10	ID	Westinghouse Idaho Nuclear Co	Track 2 Investigation and Risk Assessment
10	OR	Wood Treatment Site	Technical Support, Expert Testimony
10	OR	White King / Lucky Lass Site	Design, Construction Management, CQA, Ecological Risk Assessment
10	WA	Colbert Landfill	RI/FS, ROD Negotiation
10	WA	North Market Street Site	Remedial Investigation
10	WA	Commencement Bay	Site Investigation, Interim RI
10	WA	General Electric (Spokane Shop)	RI, Data Reviews, Supp. FS, Negotiation/Modification of ROD, Compliance Monitoring
10	WA	Greenacres Landfill	Seismic Survey
10	WA	Hanford 100-Area	Multiple RI Work Plans, RI Reports, Risk Assessment
10	WA	Hanford 200-Area	Multiple RI Work Plan, RI/FS, Design of Radioactive/Mixed Remed. Waste I
10	WA	Hanford 300-Area	Multiple RI Work Plans, Multiple RI/FS, Remedial Design
10	WA	Hanford 1100-Area	RI Data Evaluation, RI Report Preparation
10	WA	Harbor Island	GP Radar Survey
10	WA	Kent Highlands Landfill	Site Investigation, Data Review
10	WA	McChord AFB	Geophysical Investigation
10	WA	Midway Landfill	RI Work Plan, Data Analysis
10	WA	Naval Undersea Warfare Station	Geophysics Survey
10	WA	Northside Landfill	RI Work Plan
10	WA	Queen City Farms	Prelim. Design of Barrier Wall, Hydrogeologic testing & modeling, CQA
10	WA	Tulalip Landfill	Review of draft RI/FS Work Plan, FSI
10	WA	Western Processing Co., Inc.	Data Review